## Media Copyright Protection

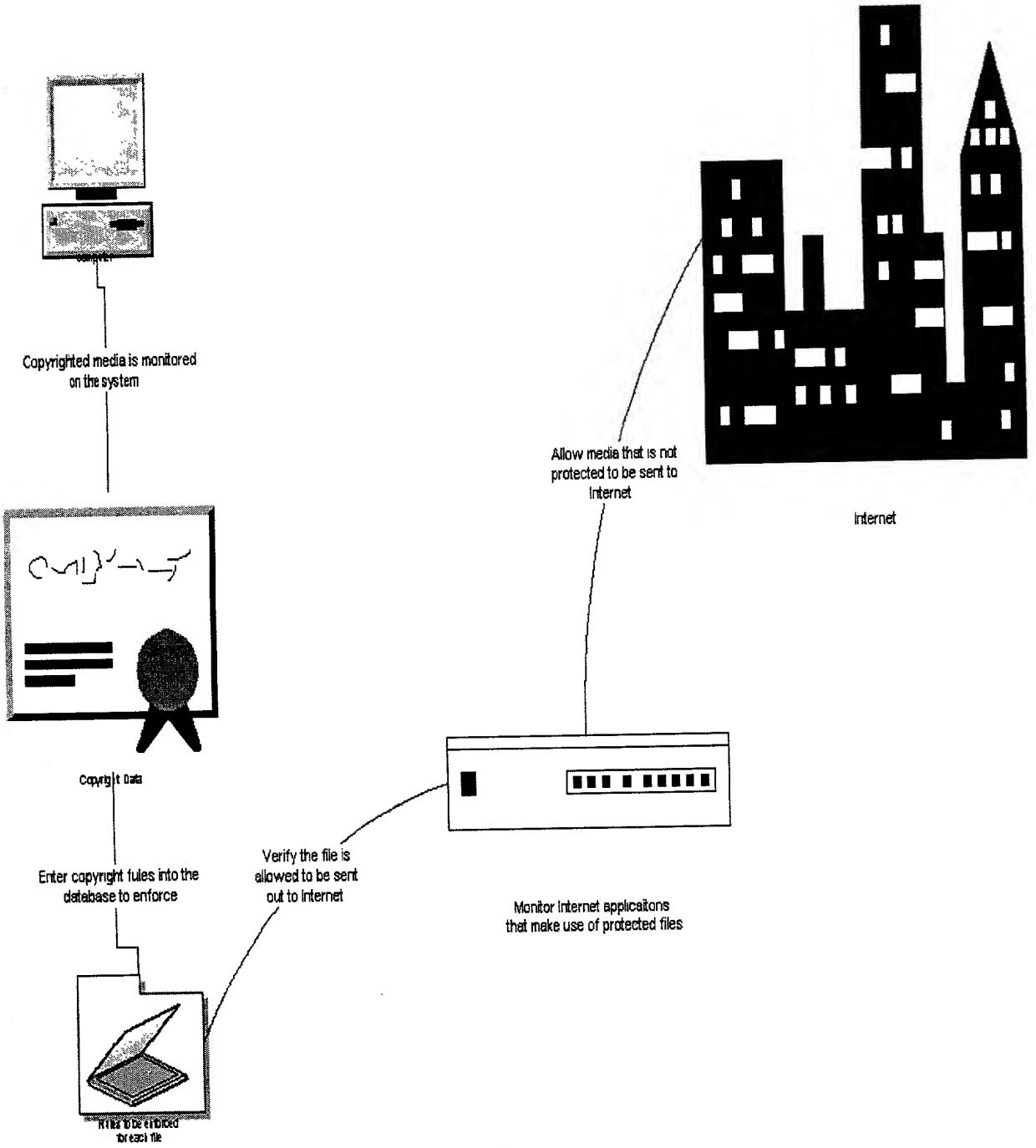


**FIG. 1**
**OVERVIEW OF THE SYSTEM**

**Figure 1**
File System detected a new filesystem event

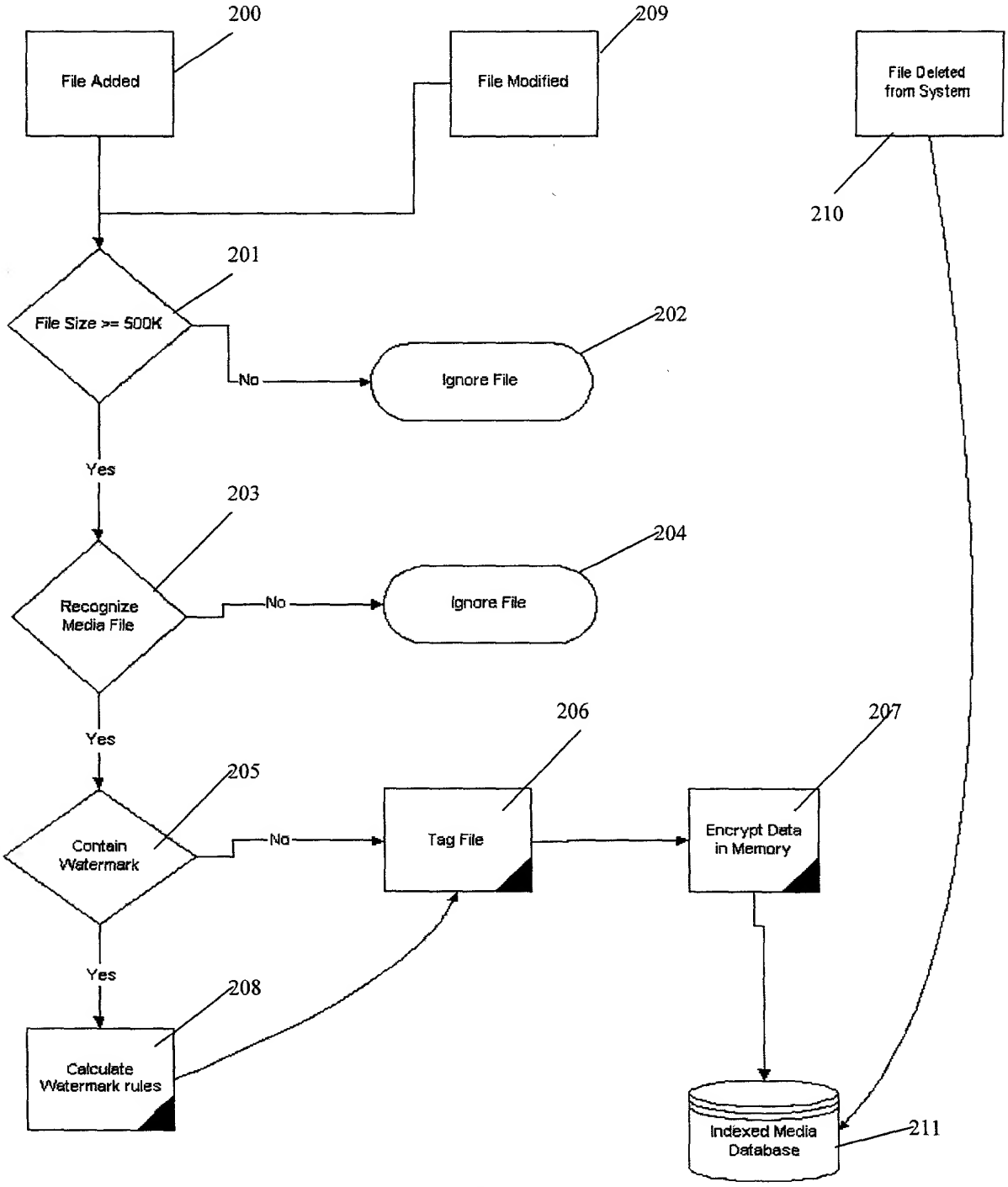


FIG. 2

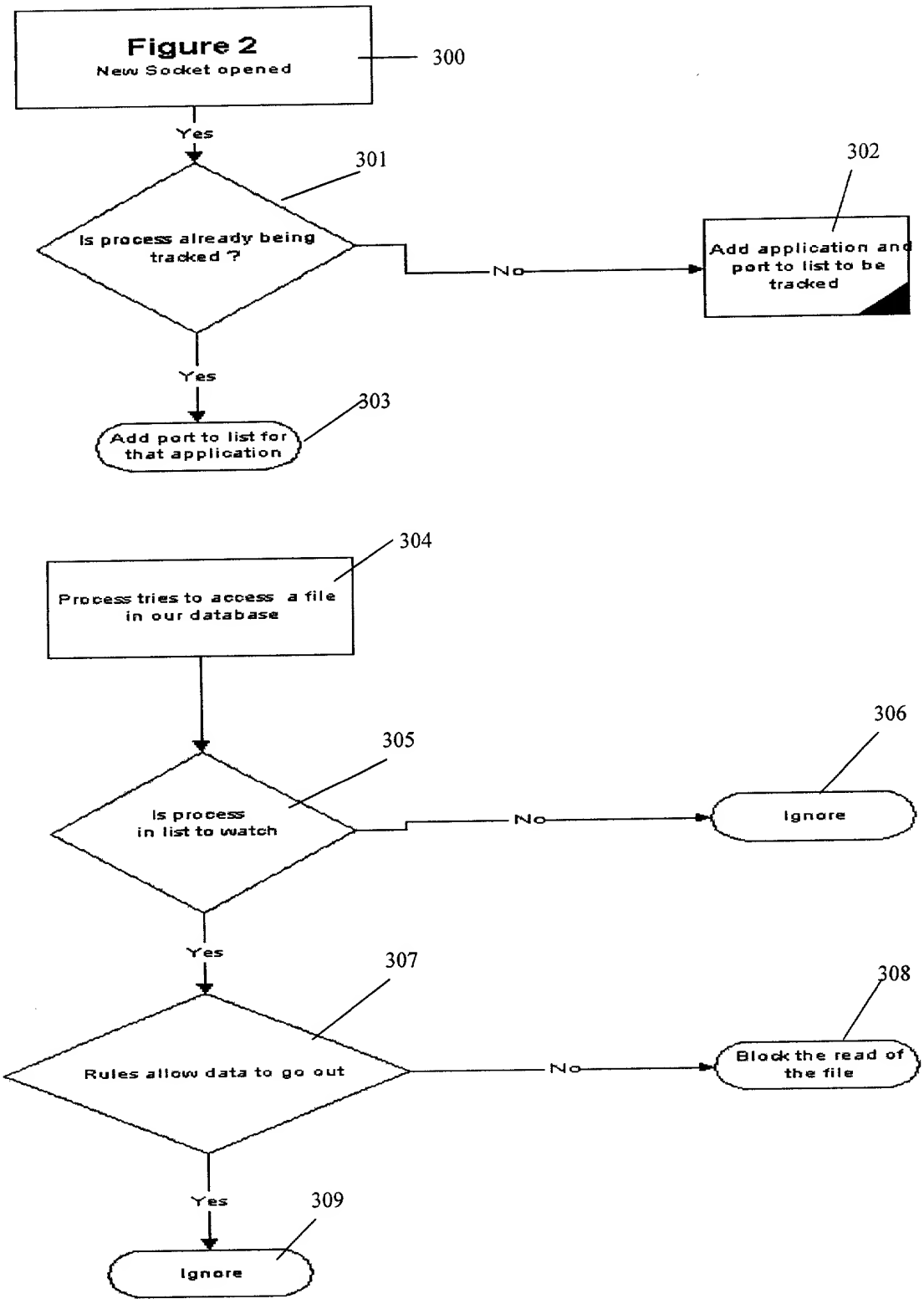
Figure 2
New Socket opened
300
Yes
301
Is process already being tracked ?
No
302
Add application and port to list to be tracked
Yes
303
Add port to list for that application
304
Process tries to access a file in our database
305
Is process in list to watch
No
306
Ignore
Yes
307
Rules allow data to go out
No
308
Block the read of the file
Yes
309
Ignore

FIG. 3

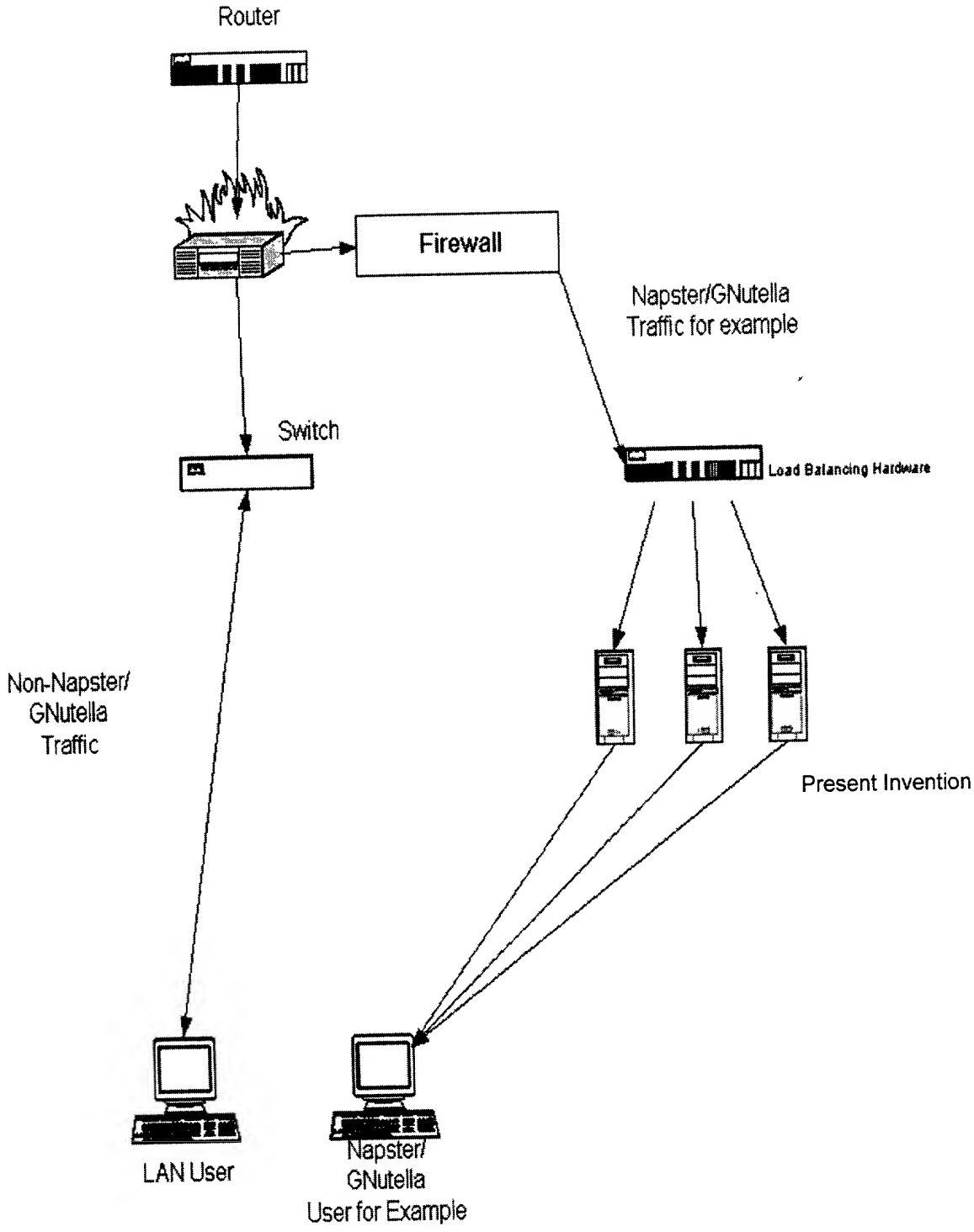
Router
Firewall
Napster/GNutella
Traffic for example
Switch
Load Balancing Hardware
Non-Napster/
GNutella
Traffic
Present Invention
LAN User
Napster/
GNutella
User for Example

FIG. 4

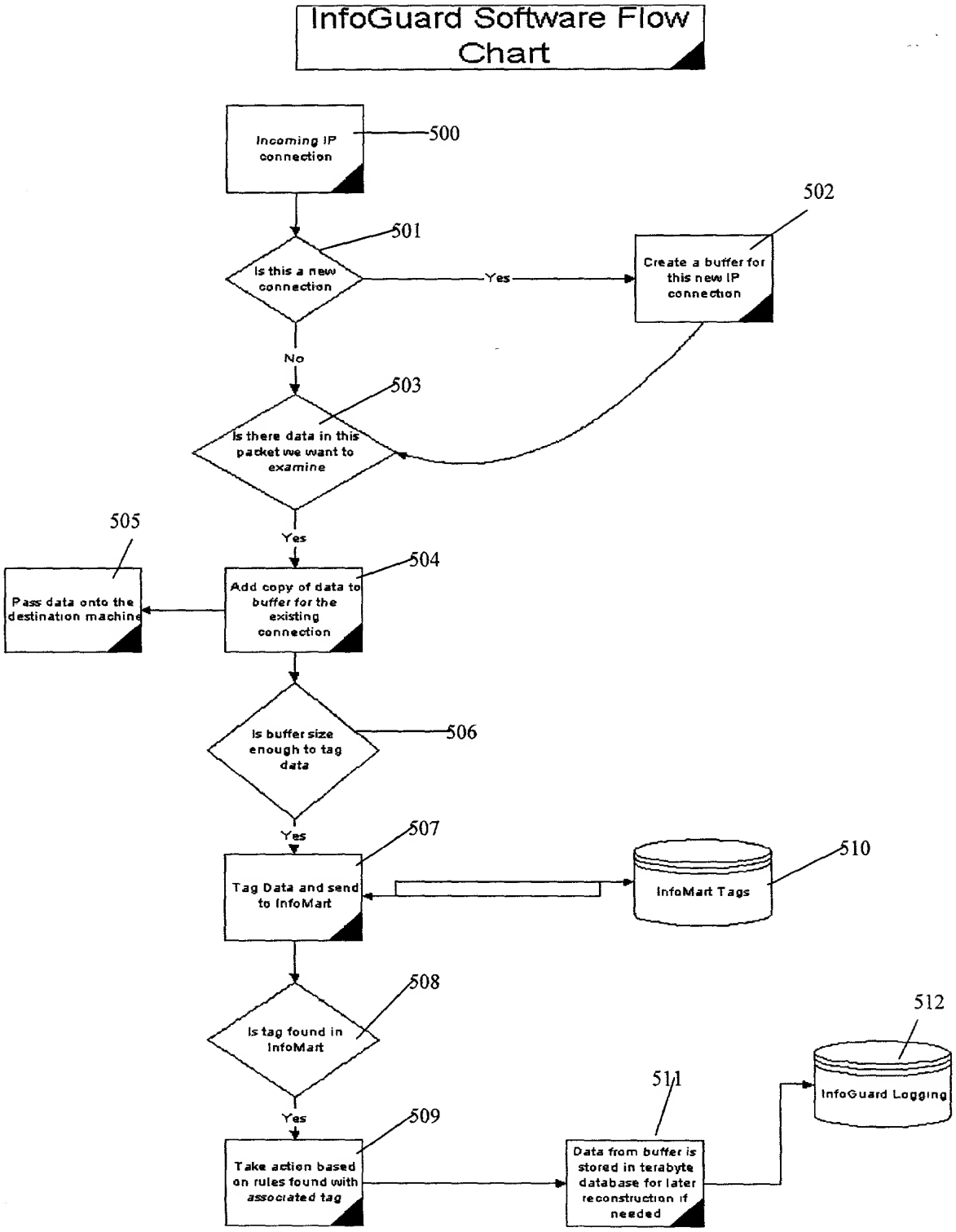
InfoGuard Software Flow Chart
Incoming IP connection
500
Is this a new connection
501
Yes
Create a buffer for this new IP connection
502
No
Is there data in this packet we want to examine
503
Yes
Add copy of data to buffer for the existing connection
504
Pass data onto the destination machine
505
Is buffer size enough to tag data
506
Yes
Tag Data and send to InfoMart
507
InfoMart Tags
510
Is tag found in InfoMart
508
Yes
Take action based on rules found with associated tag
509
Data from buffer is stored in terabyte database for later reconstruction if needed
511
InfoGuard Logging
512

FIG. 5